

Rabbit anti-Human, Mouse CAMKK2 Polyclonal Antibody | anti-CAMKK2 antibody

CAMKK2 Polyclonal Antibody

CATALOG # AAA179465	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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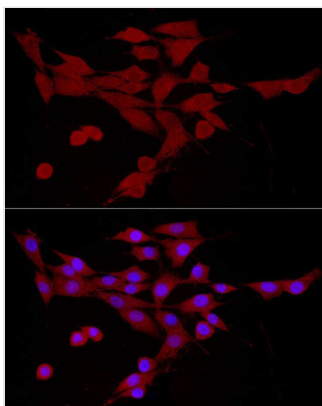
PRODUCT SYNONYMS

CAMKK2; Polyclonal Antibody; CAMKK2 Polyclonal Antibody; CAMKK; CAMKKB; anti-CAMKK2 antibody

PRODUCT SPECIFICATIONS

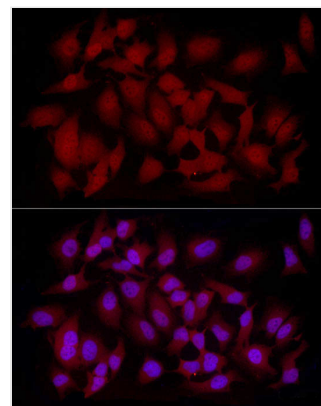
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CAMKK2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human CAMKK2
Research Area	Cancer, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



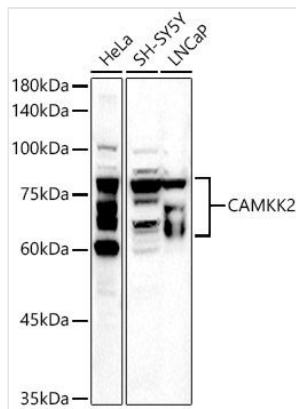
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using CAMKK2 Polyclonal Antibody at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using CAMKK2 Polyclonal Antibody at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using CAMKK2 Polyclonal Antibody at 1:500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CAMKK2 antibody

The product of this gene belongs to the Serine/Threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. The major isoform of this gene plays a role in the calcium/calmodulin-dependent (CaM) kinase cascade by phosphorylating the downstream kinases CaMK1 and CaMK4. Protein products of this gene also phosphorylate AMP-activated protein kinase (AMPK). This gene has its strongest expression in the brain and influences signalling cascades involved with learning and memory, neuronal differentiation and migration, neurite outgrowth, and synapse formation. Alternative splicing results in multiple transcript variants encoding distinct isoforms. The identified isoforms differ in their ability to undergo autophosphorylation and to phosphorylate downstream kinases.

Product Categories/Family for anti-CAMKK2 antibody

[Antibodies](#); [Primary Antibodies](#); [Polyclonal Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	394953961
NCBI GeneID	10645
NCBI Accession #	NP_001257414.1
NCBI GenBank Nucleotide #	NM_001270485.1
UniProt Accession #	Q96RR4; O94883; Q8IUG2; Q8IUG3; Q8N3I4; Q8WY03; Q8WY04; Q8WY05; Q8WY06; Q96RP1; Q96RP2; A8K7Q7
Molecular Weight	64,746 Da
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase kinase 2 isoform 1
NCBI Official Synonym Full Names	calcium/calmodulin-dependent protein kinase kinase 2, beta
NCBI Official Symbol	CAMKK2
NCBI Official Synonym Symbols	CAMKK; CAMKKB
NCBI Protein Information	calcium/calmodulin-dependent protein kinase kinase 2; caM-KK 2; caM-KK beta; CAMKK beta protein; caM-kinase kinase 2; caM-kinase kinase beta; calcium/calmodulin-dependent protein kinase beta
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase kinase 2
UniProt Gene Name	CAMKK2
UniProt Synonym Gene Names	CAMKKB; KIAA0787; CaM-KK 2; CaM-kinase kinase 2; CaMKK 2; CaM-KK beta; CaM-kinase kinase beta; CaMKK beta
UniProt Entry Name	KKCC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/camkk2-antibody-immunofluorescence-western-blot-elisa/179465>